



**DEPARTMENT OF LABORATORY SERVICES**

<b>Patient</b>	Mrs. RAVINABEN PRAFULKUMAR VAGHELA	<b>Lab No/ManualNo</b>	5248894/
<b>UHIDNo/IPNO</b>	300426926	<b>CollectionDate</b>	04/10/2023 9:52AM
<b>Age/Gender</b>	57 Years/Female	<b>Receiving Date</b>	04/10/2023 10:15AM
<b>Bed No/Ward</b>	OPD	<b>Report Date</b>	04/10/2023 5:22PM
<b>Referred By</b>	Dr. Rashmi Chirag Chovatia	<b>Report Status</b>	Final
		<b>Sample Quality</b>	Normal

Test Name	Result	Unit	Bio. Ref. Range	Method	Sample
<b>Biochemistry</b>					
ArcoFemi Healthcare Ltd Above 40 Female					
Gamma GT	20.50	U/L	6.00 - 42.00	Enzymatic method	Serum
Creatinine	0.65	mg/dL	0.50 - 0.90	Jaffe Kinetic Compensated	Serum
Age	57				
Weight	64.5				
Gender	0.85				
eGFR	97.23	mL/minute/1.73 m2	50 - 102		
Uric Acid	<b>H 5.8</b>	mg/dL	2.4 - 5.7	Uricase / Peroxidase (Colorimetric)	Serum
Fasting Glucose	84.1	mg/dL	70.0 - 100.0	Hexokinase	Serum
Post prandial Glucose	118.4	mg/dL	70.0 - 140.0	Hexokinase	Serum
Post prandial Urine Glucose	S.N.G. = Sample Not Given				
<b><u>LIVER FUNCTION TEST (LFT) SERUM</u></b>					
SGPT(ALT)	10.30	U/L	0.00 - 33.00	IFCC without pyridoxal phosphate	Serum
SGOT(AST)	14.60	U/L	0.00 - 32.00	IFCC without pyridoxal phosphate	
Alkaline Phosphatase	98.8	U/L	35.0 - 140.0	PNP-Standardize	
Bilirubin Total	0.35	mg/dL	0.00 - 1.00	Diazo Method	
Bilirubin Direct	0.13	mg/dL	0.00 - 0.20	Diazo Method	

Dr. Jitendra Narendrabhai Nayak  
Reg.No:G-14786  
Consultant Pathologist



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Bilirubin Indirect	0.22	mg/dL	0.00 - 1.10	Calculate from Total and Direct Billirubin	
Protein Total	7.55	g/dL	6.40 - 8.20	Biuret Method	
Albumin	4.47	g/dL	3.97 - 4.95	BCG Endpoint	
Globulin	3.08	g/dL	2.20 - 3.50	Calculated	
A/G Ratio	1.45	Ratio	0.90 - 2.80	Ratio	
HbA1c (Glyco Hb)	6.51	%	4.8 % - 5.9 % Normal 5.9 % - 7.0 % Good diabetic Control 7.0 % - 10.00 % Fair Diabetic Control >10.0 % Poor diabetic Control	Immunoturbidimetric	EDTA Blood
Mean Plasma Glucose	<b>H 154.5</b>	mg/dL	80.0 - 140.0		
Blood Urea	20.9	mg/dL	16.6 - 48.5	Urease,Kinetic,GLDH	Serum
BUN*	9.8	mg/dL	6.0 - 20.0	Ureas with UV	
TOTAL T3*	1.010	ng/mL	0.850 - 2.020	ECLIA.	Serum
TOTAL T4*	7.990	ug/dL	5.130 - 14.060	ECLIA.	
THYROID STIMULATING HORMONE	1.520	uIU/mL	0.270 - 4.200	ECLIA.	

(\*) Not in NABL Scope

\*\*End Of Report\*\*

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MC - 3049



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**Biochemistry**

ArcoFemi Healthcare Ltd Above 40 Female

**LIPID PROFILE (WITH DIRECT LDL)**

Serum

Sample Type	Fasting				
Cholesterol Total	205.10	mg/dL	Less than 160 mg/dL Excellent Less than 200 mg/dL Desirable 200-239 mg/dL Borderline High 240 mg/dl & over high	Enzymatic (CHE/CHO/POD)	
Triglycerides	133.30	mg/dL	Less than 150 mg/dL Normal 150-199 mg/dL Borderline High 200-499 mg/dL High 500 mg/dL or greater very High	GPO-PAP	
HDL Cholesterol	46.70	mg/dL	Less than 40 mg/dL Low 60 mg/dL or Above Excellent	Homogenous Enzymatic	
LDL Cholesterol (Direct)	141.50	mg/dL	Less than 80 mg/dL Excellent Less than 100 mg/dL Optimal 100-129 mg/dL Near or above optimal 130-159 mg/dL Borderline High 160-189 mg/dL High 190 mg/dL & above Very High	Homogenous Enzymatic	
VLDL Cholesterol	26.66	mg/dL	< 30	Calculated	
LDL/HDL RATIO	3.03		< 3.50	Calculated	
Cholesterol Total / HDL Ratio	4.39		< 4.50		

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**Clinical Pathology**

ArcoFemi Healthcare Ltd Above 40 Female

**URINE ROUTINE EXAMINATION**

Urine

**Physical Examination:**

Quantity	20 ml			Visual method	
Colour	Pale Yellow			Visual method	
Appearance:	Slightly turbid			Visual method	
Reaction	5			Reflectance photometer	
Sp. Gravity	1.015		1.015 - 1.030	Reflectance photometer/Enzymatic reaction	

**Chemical Examination:**

U.Albumin	Nil			Reflectance photometer/Manual	
U.Gluocse	Nil				
U.Acetone	Nil				
BS/BP	Absent				

**Microscopic Examination**

				Microscopy	
Pus Cell	3-4		/H.P.F.		
Red Blood Cell	Occasional		/H.P.F.		
Epithelial cell	1-2		/H.P.F.		
Cast	Absent				
Crystals	Absent				
Amorphous	Absent				
Monilia	Absent				
Other:	Absent				

\*\*End Of Report\*\*

Dr. Kazumi Gondalia  
M.D (Path)  
Reg.No.: G-21729



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**Haematology**

ArcoFemi Healthcare Ltd Above 40 Female

**CBC WITH ESR**

EDTA Blood

Haemoglobin	<b>L 9.3</b>	g/dL	12.5 - 16.0	SLS Method	
Hematocrit/PCV	<b>L 30.0</b>	%	37.0 - 47.0	H.focusing Method	
RBC COUNT	5.19	mill/Cmm	4.20 - 5.40	H.focusing impedance	
MCV	<b>L 57.8</b>	fl	83.0 - 101.0	Calculated	
MCH	<b>L 17.9</b>	pg	27.0 - 31.0	Calculated	
MCHC	<b>L 31.0</b>	g/dL	32.0 - 36.0	Calculated	
RDW-CV	<b>H 17.0</b>	%	11.5 - 14.0	Calculated	
Platelet count	<b>H 451000</b>	/cumm	150000 - 450000	H.focusing impedance	
Mean Platelet Volume(MPV)*	9	fl	8 - 12	Calculated	
Total Leucocyte Count (TLC)	7480.00	/cumm	4000.00 - 10500.00	Flow Cytometry	
<b>Differential Leucocyte Count</b>				Flowcytometry/Microscopic	
Neutrophils	57	%	40.0 - 70.0		
Lymphocytes	36	%	22 - 45		
Eosinophils	03	%	1.0 - 4.0		
Monocytes	04	%	1.0 - 6.0		
Basophils	00	%	0.0 - 1.0		
Immature Granulocytes	00	%	0 - 2		
<b>Absolute Leucocyte Count</b>					
Absolute Neutrophil Count*	4263.6	/cumm	1800 - 7700		
Absolute Lymphocyte count*	2692.8	/cumm	1000 - 4800		
Absolute Eosinophil Count (AEC)	224.4	/cumm	0.0 - 450.0		
Absolute Monocyte Count*	299.2	/cumm	0 - 800		

Peripheral Smear Study  
RBCs shows Anisocytosis(+),Microcytosis(+),Hypochromia(+).  
Platelets are adequate in number.Malarial Parasites are not seen.  
No Premature cells are seen.

Advise

Hb electrophoresis & S.Iron Profile.



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Erythrocyte Sedimentation Rate (ESR)    **H 88**                      mm/hr                      0 - 19                      Modified westergren Method

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<b>Immuno-Haematology</b>					
ArcoFemi Healthcare Ltd Above 40 Female					
<b>BLOOD GROUPING</b>					EDTA Blood
ABO Group	"O"			Tube Agglutination Method	
Rh Type	Positive				

\*\*End Of Report\*\*

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